Amendments to the Claims:

This Listing of Claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-20 (canceled).

Claim 21 (previously presented): A method comprising:

providing a logical disk configured as a plurality of logical entities, each of the logical entities being configured as a plurality of physical disks; and

copying at least some portion of data on a first logical entity to at least one physical disk not included in the plurality of logical entities.

Claim 22 (previously presented): The method of claim 21 further comprising before the step of copying, steps of:

determining a relatively highly accessed one of the plurality of logical entities; and

selecting that relatively highly accessed one of the plurality of logical entities for the step of copying.

Claim 23 (previously presented): The method of claim 21 wherein the plurality of physical disks is the same as the number of the at least one physical disk not included in the plurality of logical entities.

Claim 24 (previously presented): A method as in claim 21 wherein the logical entities comprise parity groups.

Claim 25 (previously presented): A method as in claim 21 wherein:

the plurality of logical entities include a parity group which is partitioned into two parity groups, each of the logical entities being configured as a plurality of physical disks;

the at least one physical disk not included in the plurality of logical entities includes a set of physical disks; and

one of the two parity groups is copied to the set of physical disks.

Claim 26 (currently amended): A method comprising:

providing a logical disk configured as a plurality of logical entities, each of the logical entities being implemented as a plurality of physical disks; and

dividing at least one logical entity into a plurality of first logical entities, each of the plurality of first logical entities being implemented by a different set of ~~physical disks.~~physical disks;

determining a relatively highly accessed one of the plurality of logical entities; and

selecting that relatively highly accessed one of the plurality of logical entities for the step of dividing.

Claim 27 (previously presented): The method of claim 26, wherein the at least one logical entity comprises a relatively highly accessed one of the logical entities.

Claim 28 (canceled).

Claim 29 (previously presented): The method of claim 26 wherein the number of the plurality of physical disks is the same as the number of physical disks in the different set of physical disks.

Claim 30 (previously presented): A storage system comprising:

a plurality of physical disks; and

a controller coupled to the physical disks, the controller configured to:

provide a logical disk configured as a plurality of logical entities, each of the logical entities being implemented with a subset of the plurality of physical disks; and

copy at least some portion of data on one of the logical entities to at least one physical disk not included in the subset of the plurality of physical disks.

Claim 31 (previously presented): A storage system as in claim 30 wherein the controller is further configured to divide at least one of the plurality of logical entities into at least two logical entities, each one of the at least two logical entities being implemented by a different subset of the plurality of physical disks.